ASSEMBLY OF COLUMN WITH TIES FOR BOARDS

Join 3-layer panels of narrow sizes to form two pairs of large panels.

Narrow 3-layer panels are available in widths of 20-25-30-35-40-45-50 cm.

In order to close the edges of the column, one pair of panels should have the same width as the pillar, the other pair have to be 5 cm wider.

To join the narrow 3-layer panels together, use transverse boards fixed with nails.
The boards will be used as a support for the ties, so they have to be positioned with the proper wheelbase.

The boards of the outer panels have to be 1 cm higher than the boards of the inner panels.
Place the large panels vertically and form the column

Nail the large panels together

Plumb the column with at least 2 push-pull props
Arrange the first round of ties and use the boards to rest the ties.

Place the first adjoining pair of ties, both with the curve at the bottom.

Place the second adjoining pair of ties both with the curve at the top.

Secure the first round of ties with the wedges.
Assemble all the rounds of ties and fix them with the wedges

Before pouring, check that all elements are secured

Pour slowly

Do not drop the concrete from above, direct the flow of concrete towards one of the walls of the formwork

Pour about 40 cm and check the endurance of the plumbing

Continue the pouring in subsequent stages

Do not exceed the maximum filling speed of 1.50 m/hour